## CLAIMS

 A volatile corrosion inhibitor to be kneaded into a resin, wherein the volatile corrosion inhibitor is to be blended into a molding material having a thermoplastic resin as a principal base material component; and

comprising:

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a nitrous acid metal salt having a melting point not less than a softening temperature of the thermoplastic resin;

a benzoic acid metal salt;

a saturated polycarboxylic acid or a metal salt thereof; and an anticorrosive component for nonferrous metals.

- 2. The volatile corrosion inhibitor according to Claim 1, wherein the nitrous acid metal salt is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt of nitrous acid.
- The volatile corrosion inhibitor according to Claim 1 or 2,
   wherein the benzoic acid metal salt is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt of benzoic acid.
- 4. The volatile corrosion inhibitor according to any one of Claims 1 to 3, wherein the saturated polycarboxylic acid is at least one selected from a group consisting of sebacic acid, dodecanedioic acid, adipic acid, fumaric acid, succinic acid, citric acid, tartaric acid, and malic acid.
- 30 5. The volatile corrosion inhibitor according to any one of Claims

1 to 4, wherein the metal salt of the saturated polycarboxylic acid is at least one selected from a group consisting of an alkali metal salt and an alkaline earth metal salt.

- 5 6. The volatile corrosion inhibitor according to any one of Claims 1 to 5, wherein the anticorrosive component for nonferrous metals is least one selected from а group consisting 2-mercaptobenzothiazole, 2-benzothiazolylthioacetic 3-2-benzothiazolylthiopropionic acid, 2,4,6-trimercapto-s-triazine, 10 2-dibutylamino-4,6-dimercapto-s-triazine, benzotriazol. methylbenzotriazol, and alkali metal salt, alkaline earth metal salt, zinc salt thereof.
- 7. The volatile corrosion inhibitor according to any one of Claims
  15 1 to 6, comprising the nitrous acid metal salt, the benzoic acid metal salt, the saturated polycarboxylic acid or the metal salt thereof, and the anticorrosive component for nonferrous metals at a mass ratio of 5 to 50 : 10 to 90 : 1 to 80 : 0.1 to 80, respectively.
- 20 8. The volatile corrosion inhibitor according to any one of Claims 1 to 7, wherein the thermoplastic resin includes a polyolefin resin as a principal component.
- 9. A molding material for preparation of a volatile anticorrosive resin product, wherein 0.5 to 10 mass % of the volatile corrosion inhibitor according to any one of Claims 1 to 8 is included in a thermoplastic resin.
- 10. A volatile anticorrosive film obtained by molding the molding 30 material according to Claim 9 into a shape of a film.

- 11. The volatile anticorrosive sheet obtained by molding the molding material according to Claim 9 into a shape of a sheet.
- 5 12. A volatile anticorrosive fiber obtained by molding the molding material according to Claim 9 into a shape of a fiber.
  - 13. An anticorrosion method of a metal material, comprising the steps of:
- molding a container with the volatile anticorrosive film or with the volatile anticorrosive sheet according to Claim 10 or 11; inserting the metal material into the container; and sealing the container for packaging.